

ABSTRACT OF THE DISCLOSURE

Printing paper or paperboard of 30-200 g/m² grammage is made in a machine with a wet section, press section and drying section. The web passes through a roll press with a double-felted roll-press nip, then in a shoe press with an extended single or double-felted shoe-press nip, and pressed in a deflection-compensating roll press, having a double-felted roll-press nip and open press rolls. The web travels at at least 1,200 m/min.; is subjected in the roll-press nip to a linear load from 100 to 300 kN-m and a specific pressure from 5 to 15 MPa; and is subjected in the shoe-press nip to a linear load from 500 to 1,500 kN/m and a specific high pressure from 4 to 13 MPa, to obtain a dewatered web with a dry-solids content of at least 38 per cent after the roll-press nip and at least 45 per cent after the shoe-press nip.